



Abberley Parochial V.C. Primary School
Rooted and Grounded in love
 Computing Curriculum Overview

Rotation 1

	Autumn	Spring	Summer
EYFS	The EYFS computer curriculum is learnt through a mixture of play and practical application of skills Online Safety Using a computer All about instructions Exploring hardware Introduction to data Programming Bee-Bots		
Year 1 & 2	Online Safety: Hector's World Digital Literacy: Improving Mouse Skills (Y1) Word Processing (Yr2)	Computer Science: Programming using Scratch Jr	Information Technology: Data handling: Introduction to Data International Space station
Year 3 & 4	Online Safety: Cyberbullying, Super Searchers, Copycats, too much information? The online community and Superheroes	Computer Science: Journey Inside a computer Programming using Scratch	Digital Literacy Information Technology: Collaborative learning (Microsoft Forms & Spreadsheets) PowerPoint Presentation
Year 5 & 6	Online Safety: Play Like share Band Runner	Computer Science Information Technology: Programming using Micro: bit	Digital literacy Computer Science Information Technology: Bletchley Park – history of computers and coding Audacity software

Rotation 2

	Autumn	Spring	Summer
EYFS	The EYFS computer curriculum is learnt through a mixture of play and practical application of skills Online Safety Using a computer All about instructions Exploring hardware Introduction to data Programming Bee-Bots		
Year 1 & 2	Online Safety: Jessie and Friends Lee and Kim's Adventures (Sid's Top Tips) Digital Literacy: Improving Mouse Skills (Y1) Word Processing (Yr2)	Computer Science Information Technology: What is a computer? Programming using Bee Bot (Y1) Roamer (Y 2)	Information Technology Digital Literacy: Creating Media using Stop motion
Year 3 & 4	Online Safety Digital literacy: Captain Kara and the SMART Crew	Computer Science: Programming: Pupils learn that computational thinking is made up of four pillars (decomposition, pattern recognition, abstraction and algorithm design) Information Technology Digital Literacy: Emailing	Computer Science: Computational Thinking: Changing HTML and CSS code to alter images and 'remixing' a website's text and images to create a fake news story.
Year 5 & 6	Online Safety: Be Internet Legends	Computer Science Information Technology: Creating media	Computer Science Information Technology: Data handling: Mars Rover 1